

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignis 22313-1450 www.mpto.gov



CONFIRMATION NO. 2143

Bib Data Sheet

SERIAL NUMBER 10/647,668	FILING DATE 08/25/2003 RULE	CLASS 072	GROUP ART 3725	·UNIT	ATTORNEY DOCKET NO. Q77134	
APPLICANTS						
Fujio Akahane, Nagano, JAPAN;						
Nagamitsu Takashima, Nagano, JAPAN; Kazushige Hakeda, Nagano, JAPAN;Ryoji Uesugi, Nagano, JAPAN; Akiharu Kurebayashi, Nagano, JAPAN;						
** CONTINUING DATA **********************************						
** FOREIGN APPLICATIONS ************************************						
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 11/18/2003						
Foreign Priority claimed 35 USC 119 (a-d) conditions	35 USC 119 (a-d) conditions yes no Met after Allowants	STATE OR	SHEETS	TOTAL	. INDEPENDENT	
met Verified and Acknowledged Exa		COUNTRY JAPAN	DRAWING 21	CLAIMS 26	CLAIMS	
ADDRESS 23373 SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037						
TITLE Method of punching minute hole, method and apparatus for manufacturing liquid ejection head using the same						
			☐ All Fees			
	1.16 Fees (Filing)					